

Amendments to the Specification:

Please replace the existing Abstract with the following amended Abstract.

Abstract

AI
A composition for electrophoretic deposition of an insulating, protective coating. The composition comprises a cationic resin emulsion; and a curative mixed with the cationic resin emulsion. The composition after electrophoretic deposition and curing provides the protective coating that has a concentration of extractable ionic contaminants less than about 200 nanograms/cm²; and a concentration of labile components less than about 36,000 nanograms/cm². A coating composition according to the [The] present invention [further includes] provides an article in the form of a flexible printed circuit, used as an interconnect, comprising a film substrate and a plurality of conductive traces adjacent to a surface of the film substrate to receive [an] the insulating protective coating using electrophoretic deposition techniques.
